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**PATENT**

**UTILITY PATENT APPLICATION TRANSMITTAL**



**23696**

Assistant Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATION

Customer No.: 23696  
Attorney Docket No.: 010069  
Date: 6/4/01  
Express Mail Label No.: ET100741606US

PATENT TRADEMARK OFFICE

J1017 U.S. PTO  
09/874661  
06/04/01

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Michael J. Wengler

For: Diversity Gain with Compact Antenna.

Enclosed are:

1. ☒ Patent application (23) total pages.
2. ☒ Drawings: ☐ Formal ( ) sheet(s) or ☒ Informal (7) sheet(s).
3. ☒ Declaration/Power of Attorney: ☐ Signed ☒ Unsigned
4. ☐ Priority Claim: This Application Claims Priority To Pending U.S. Application Serial No. , filed, .
5. ☐ An Assignment ( ) pages and Recordation Form Cover Sheet.
6. ☐ A Preliminary Amendment ( ) pages.
7. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
8. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	39 - 20	19	x \$18 =	\$342
Independent**	7 - 3	4	x \$80 =	\$320
Multiple Dependent Claim(s): <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$0
APPLICATION FILING FEE			\$710	\$710
			TOTAL FEE	\$1372.00

\*If the number in column a is less than 20, enter 0 in column b.

\*\*If the number in column b is less than 3, enter 0 in column b.

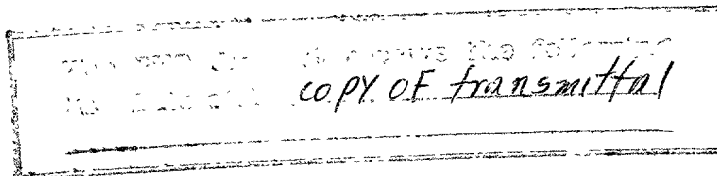
9. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1372.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: 6/4/01

Signature: Thomas R. Rouse

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San Diego, California 92121-1714  
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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of )  
MICHAEL WENGLER ) For: DIVERSITY GAIN WITH COMPACT  
 ) ANTENNA  
 )  
Serial No. UNKNOWN )  
 )  
Filed: HEREWITH ) Group Art Unit: UNKNOWN

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

Assistant Commissioner of Patents  
BOX PATENT APPLICATIONS  
Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No. ET100741606US  
Date of Deposit June 4, 2001

I hereby certify that this paper or fee (Transmittal Letter with Fee Authorization; Utility Patent Application consisting of 23 pages; 7 Informal Drawing Sheets; a Combined Declaration/Power of Attorney (filed Unsigned); and a Return Self-Addressed Stamped Postcard) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

Stephanie Young

(Name)

(Signature)

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